

## INTERNATIONAL SEARCH REPORT

Inter national Application No  
PCT/DK 02/00831

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03G5/00 //H03G5/02, H03G5/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 163 789 A (LIU JIANXIN) 19 December 2000 (2000-12-19) column 1 -column 4	1,3, 24-26
A	--- US 5 195 141 A (JANG SEONG-CHEOL) 16 March 1993 (1993-03-16) the whole document	1-26
A	--- US 4 891 841 A (BOHN DENNIS A) 2 January 1990 (1990-01-02) column 1 -column 2 -----	1-26

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

16 June 2003

Date of mailing of the international search report

24.07.2003

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK 02/00831

Patent document  
cited in search report

Publication  
date

Patent family  
member(s)

Publication  
date

US 6163789	A	19-12-2000	NONE		
US 5195141	A	16-03-1993	KR	9209641 B1	22-10-1992
			DE	4121628 A1	12-03-1992
US 4891841	A	02-01-1990	NONE		